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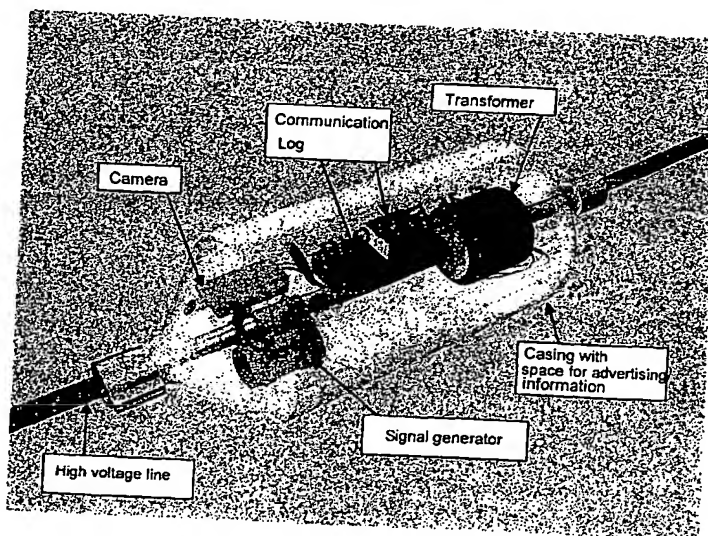
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(54) Title: **SYSTEM AND DEVICE FOR MONITORING AN OVERHEAD POWER LINE**



(57) Abstract: A device is provided for monitoring an electric overhead line, which device is constituted by an independently operating real time multisensor for mounting in a position on a span of the overhead line. The device has a built-in transmitter for transmitting sensor signals to a remote central, and comprises a laser range finder for measuring distance to the ground beneath the overhead line, as well as a camera for visual inspection of the line and its surroundings. Further, there is provided a system for maintaining the operation of a power line network, based on remote-controlled shut-off of switches installed in special appliances, particularly electric hot water tanks, at the premises of small consumers/private households.

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INTERNATIONAL SEARCH REPORT

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 341 088 A (DAVIS MURRAY W) 23 August 1994 (1994-08-23) column 3, line 55 -column 27, line 64; figures 1-31 abstract	1-24
Y	US 4 360 881 A (MARTINSON JOHN R) 23 November 1982 (1982-11-23) column 1, line 63 -column 5, line 32; figures 1-4 abstract	1-13
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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